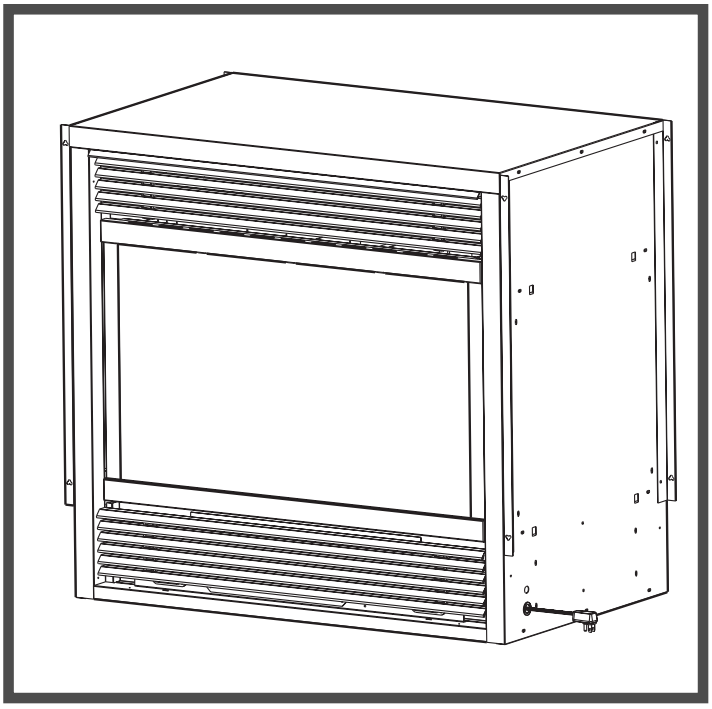

MAJESTIC
VERMONT
Castings

Electric Fireplace Model DEF36S2

Installation Instructions & Homeowner's Manual

WARNING! IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, AN ELECTRICAL SHOCK OR FIRE MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

C US

FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPOURS OR LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

VERMONT Castings

MAJESTIC™ Fireplaces

The Vermont Castings
Majestic Products Company

410 Admiral Blvd. • Mississauga, Ontario • Canada L5T 2N6 • 905-670-7777
www.vermontcastings.com • www.majesticproducts.com

INSTALLER: DO NOT DISCARD THIS MANUAL - LEAVE FOR HOMEOWNER

10003581
07/01 Rev. 0

TABLE OF CONTENTS

Please read the Installation & Operating Instructions before using this appliance.
Thank you and congratulations on your purchase of a Vermont Castings Majestic Products Company fireplace.

IMPORTANT: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and/or injury and will void the warranty.

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INSTALLATION INSTRUCTIONS

GENERAL

1 . Read all instructions before using this appliance.

2. This appliance is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this appliance. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (1m) from the front of this appliance.

3. **CAUTION: Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.**

4. If possible, always unplug this appliance when not in use.

5. Do not operate any heater with a damaged cord or plug or after the appliance malfunctions, or if it has been dropped or damaged in any manner.

6. Any repairs to this fireplace should be carried out by a qualified service person.

7. Under no circumstances should this fireplace be modified. Parts having to be removed for servicing must be replaced prior to operating this fireplace again.

8. Do not use outdoors.

9. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate this appliance where it may fall into a bathtub or other water container.

10. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or the like. Arrange cord away from traffic areas and where it will not be tripped over.

11. To disconnect this appliance, turn controls to the off position, then remove plug from outlet.

12. Connect to properly grounded outlets only.

13. This appliance, when installed must be electrically grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code or for U.S.A. installations follow local codes and the National Electrical Code, ANSI/NFPA NO. 70.

14. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the appliance.

15. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.

16. This appliance has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored. This fireplace should not be used as a drying rack for clothing, nor should Christmas stockings or decorations be hung in the area of it.

17. Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.

18. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No. 16 AWG minimum size and rated not less than 2025 Watts. The extension cord must be a three wire cord with grounding type plug and cord connection.

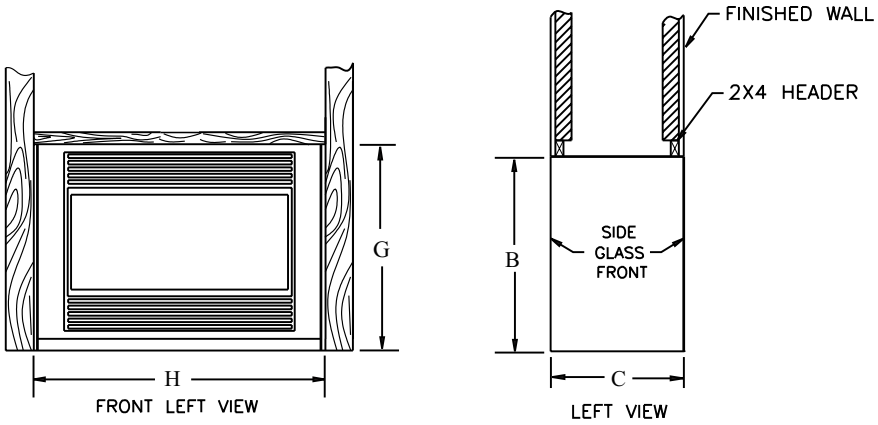
19. **SAVE THESE INSTRUCTIONS.**

LOCATING YOUR *MAJESTIC* ELECTRIC FIREPLACE

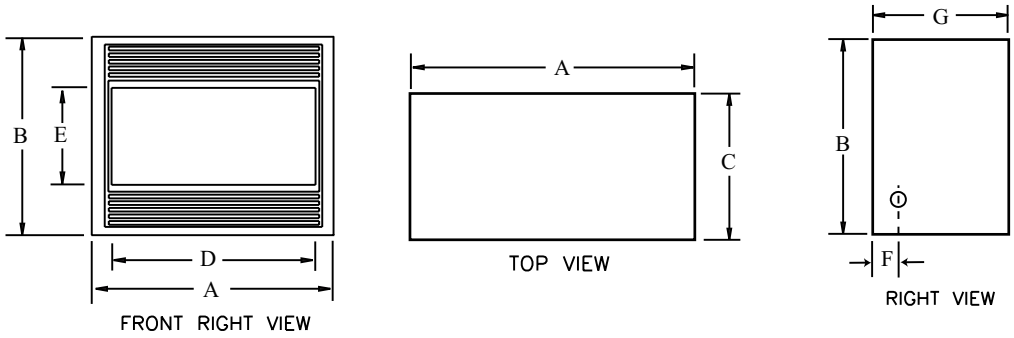
Your new fireplace may be installed into an existing masonry or zero clearance fireplace. It may also be installed using a prefabricated cabinet available from your dealer or be built into a wall.

When choosing a location for your new fireplace, ensure that the general instructions are followed. Also, for best effect install the fireplace out of direct sunlight.

FIREPLACE DIMENSIONS



FRAMING & FINISHING



MODEL DEF 36S2

A	36"	914mm
B	34 1/4"	870mm
C	22"	559mm
D	33"	838mm
E	21"	533mm
F	3"	76mm
FRAMING & FINISHING		
G	34 1/2"	876mm
H	36 1/2"	927mm

ELECTRICAL SPECIFICATIONS	
Voltage:	120VAC, 60Hz
Total Amps:	14 Amps
Total Watts:	1680 Watts
Heater Rating:	1300 Watts

Fig. 1

MANTELS

Depending on the width of the mantel it may be installed higher or lower from the top of the louvre opening. See drawing and chart below for proper installation height of your combustible mantel piece. Non-combustible mantels may be installed at any height above the appliance opening.

When using paint or lacquer to finish the mantel, such paint or lacquer must be heat resistant to prevent discolouration.

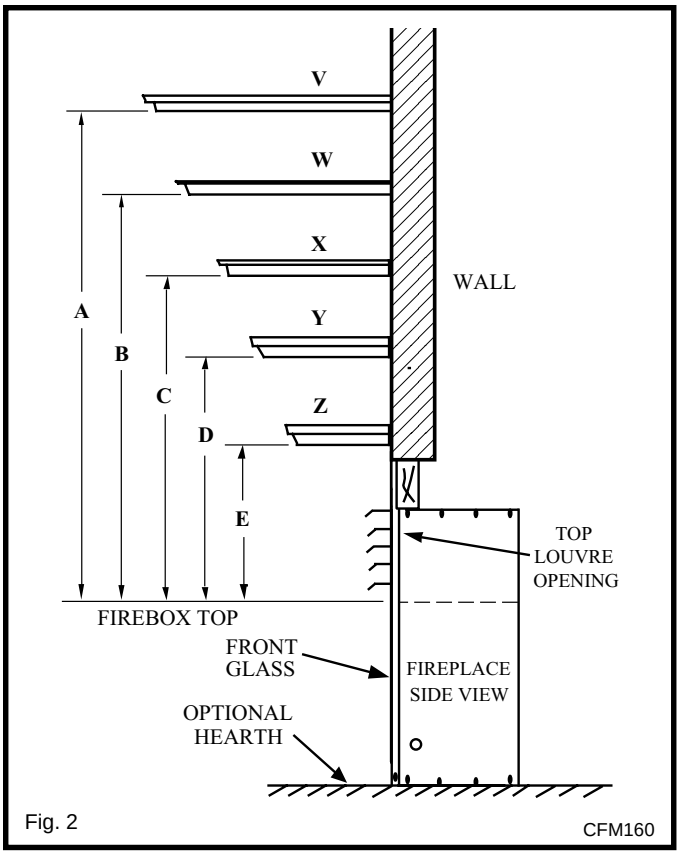


Fig. 2

MANTEL CHART

Ref.	Mantel & Leg Shelf Depth	Ref.	Mantel From Top of Comb. Chamber
V	10" (254 mm)	A	19" (483 mm)
W	8" (203 mm)	B	17" (432 mm)
X	6" (152 mm)	C	15" (381 mm)
Y	4" (101 mm)	D	13" (330 mm)
Z	2" (51 mm)	E	11" (279 mm)

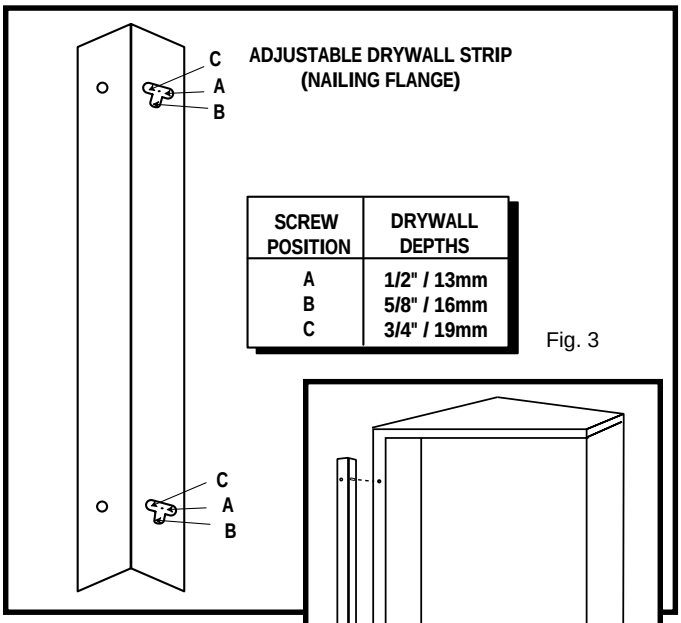
Ref.	Mantel & Leg Leg Depth	Mantel Leg from Side of Comb. Chamber
V	10" (254 mm)	10" (254mm)
W	8" (203 mm)	8" (203mm)
X	6" (152 mm)	6" (152mm)
Y	4" (101 mm)	4" (101mm)
Z	2" (51 mm)	2" (51mm)

CLEARANCE TO COMBUSTIBLES

Sides ..... 0 mm/0 inches
Sides ..... 0mm/0 inches
Floor ..... 0 mm/0 inches
Top ..... 0 mm/0 inches

FRAMING AND FINISHING

1. Choose fireplace location.
2. Place fireplace into position.
3. Frame in fireplace with a header across the top. It is important to allow for finished face when setting the depth of the frame.
4. Attach fireplace to frame using adjustable frame drywall strips (See Fig. 3). Preset depth to suit facing material (adjustable to 1/2", 5/8" or 3/4" depths) (Fig. 4).
5. Screw throughslotted holes in drywall strip and then screw into pre-drilled holes on fireplace side. Measure from face of fireplace to face of drywall strip to comfirm the final depth (Fig. 5).



SCREW POSITION	DRYWALL DEPTHS
A	1/2" / 13mm
B	5/8" / 16mm
C	3/4" / 19mm

Fig. 3

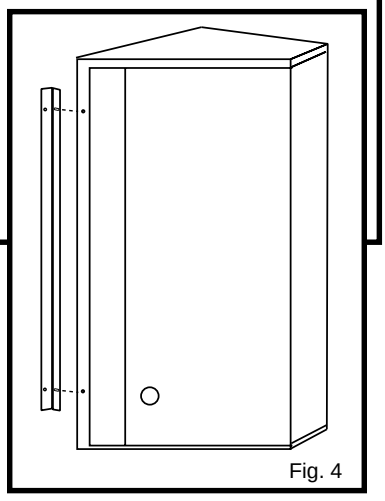


Fig. 4

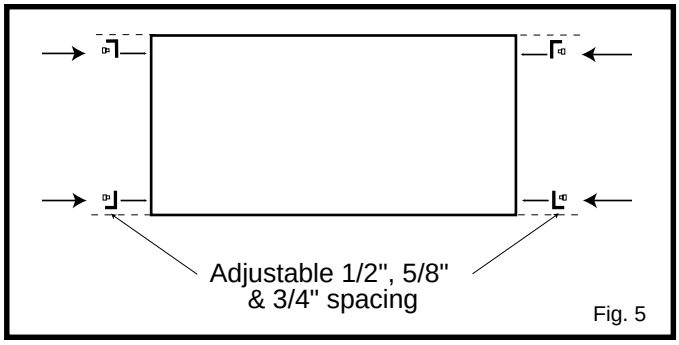


Fig. 5

FINAL FINISHING

Non-combustible materials such as brick and tile can be extended over the face of the unit **(Do not cover louvres or glass door)**. If a Trim Kit is going to be installed, brick and tile will have to be installed flush with the side of this appliance.

HEARTH

A hearth is not mandatory but it is recommended for aesthetic purposes. We recommend a non-combustible hearth which does not obstruct louvre opening.

Cold climate installation recommendation: When installing this unit against a non-insulated exterior wall or chase, it is mandatory that the outer walls be insulated to conform to applicable insulation codes.

CABINET INSTALLATIONS

Cabinets are available from your dealer which allow for fast, convenient installation of your fireplace against existing walls.

ELECTRICAL CONNECTION

A 15 AMP, 120 Volt, 60 Hz circuit with a properly grounded outlet is required. Preferably, the fireplace will be on a dedicated circuit as other appliances on the same circuit may cause the circuit breaker to trip or the fuse to blow when the heater is in operation. The unit comes standard with a 6 ft. (1828mm) long three wire cord, exiting the right side of the fireplace. Plan the installation to avoid the use of an extension cord. If an extension cord must be used, it must be a minimum 16AWG, three wire with grounding type plug and connector and rated not less than 2025 Watts.

A new electrical outlet can be installed inside the frame construction, if permitted by local codes.

Electrical outlet wiring must comply with local building codes and other applicable regulations to reduce the risk of fire, electrical shock and injury to persons.

Do not use this fireplace if any part of it has been under water. Immediately call a qualified service technician to inspect the fireplace and replace any part of the electrical system which has been under water.

Hard (Direct) Wire Connection

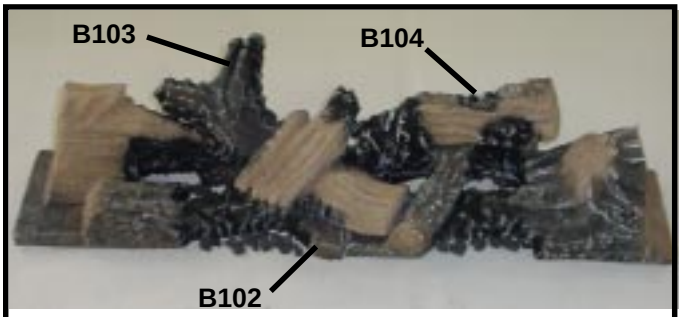
If desired, a qualified electrician may remove the cord conection and wire this unit directly to the household wiring.

Any electrical re-wiring of this appliance must be done by a qualified electrician.

WARNING: This fireplace comes with an optional manual circuit breaker reset beside the On/Off switch. In case the fireplace is not operating check the circuit breaker and reset the button at the breaker. If the fireplace is still not operating immediately call a qualified service technician to inspect the fireplace.

INSTALLATION OF LOGS

1. Turn off power to the unit.
2. Remove front glass (See "Glass Removal" section).
3. Remove logs from packaging.
4. The log bottom is shipped in place. No adjustment is necessary.
5. Install top right log (B104). Use notches to have a proper location.
6. Install top left log (B103). Use notches to have a proper location.



DEF36S2

SERVICE INSTRUCTIONS

Disconnect power before attempting any maintenance or cleaning to reduce the risk of fire, electrical shock or personal injury.

LOUVRE REMOVAL

To remove top louvre pull louvre up and then lift out. See Figure 8.

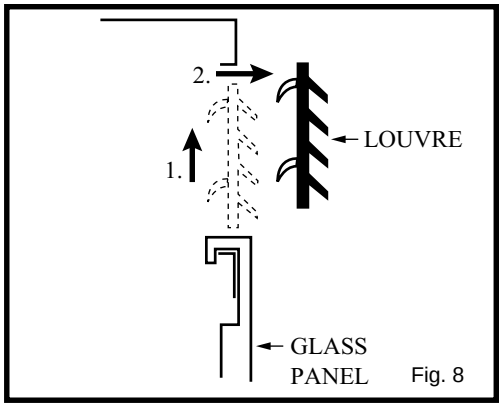


Fig. 8

GLASS FRAME REMOVAL

1. Turn off electrical supply to unit.
2. Let fireplace cool if it has been operating.
3. Remove top louvre. (See Louvre Removal).
4. Open lower louvre assembly.
5. Remove two door retention screws along lower sides edge of door frame.
6. Swing lower portion of door out from the fireplace and gently lift up to disengage top of door from fireplace. See Fig. 9.
7. To reinstall glass door, follow the above procedure in reverse.

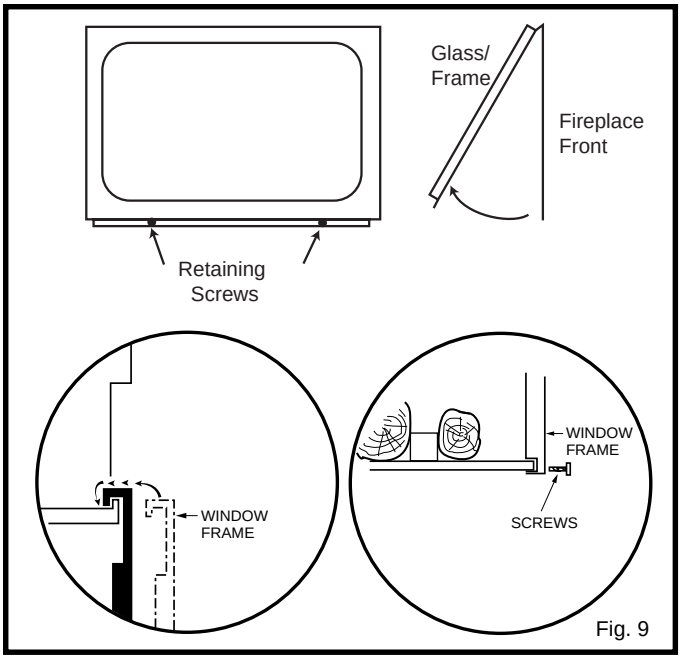


Fig. 9

GLASS INFORMATION

1. Under no circumstances should this product be operated with missing or broken glass.
2. Do not strike or slam the glass.
3. Do not use abrasive cleaners to clean the glass.
4. This product uses tempered glass. Replacement of the glass with gasket as supplied by the manufacturer should be done by a qualified service person.

REPLACING LIGHT BULBS

This fireplace uses six (6) clear 120 Volt, 60 Watt, E-12 and two (2) clear 120Volt, 5 Watt, E-12 socket base light bulbs (Small base, chandelier candle type). Six of the lights are located under the ember bed of the unit. The two lights are found at the top of the firebox above the log set. For convenience, if one of the bulbs burns out, it may be a good idea to replace all of the light bulbs.

Do not exceed 60 Watts per bulb. Use of higher rated bulbs may result in a fire, causing property damage, personal injury or loss of life.

1. Turn off power to the unit.
2. Let fireplace cool if it has been operating.
3. Remove top louvre. (See Louvre Removal).
4. Remove glass door. (See Glass Frame Removal).
5. Remove the two screws securing the ember bed and log set in position. One screw is located on either side of the ember bed near the front.
6. Examine the bulbs to determine which bulbs need to be replaced.
7. While holding the socket, unscrew the defective bulb(s).
8. Install the new light bulb(s) by screwing in while holding the socket.
9. Reinstall ember bed, log set, glass door and top louvre.

MAINTENANCE OF MOTORS

The motors used on the fan and the drum assembly are prelubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater is recommended.

Make sure that the power is turned off before proceeding.

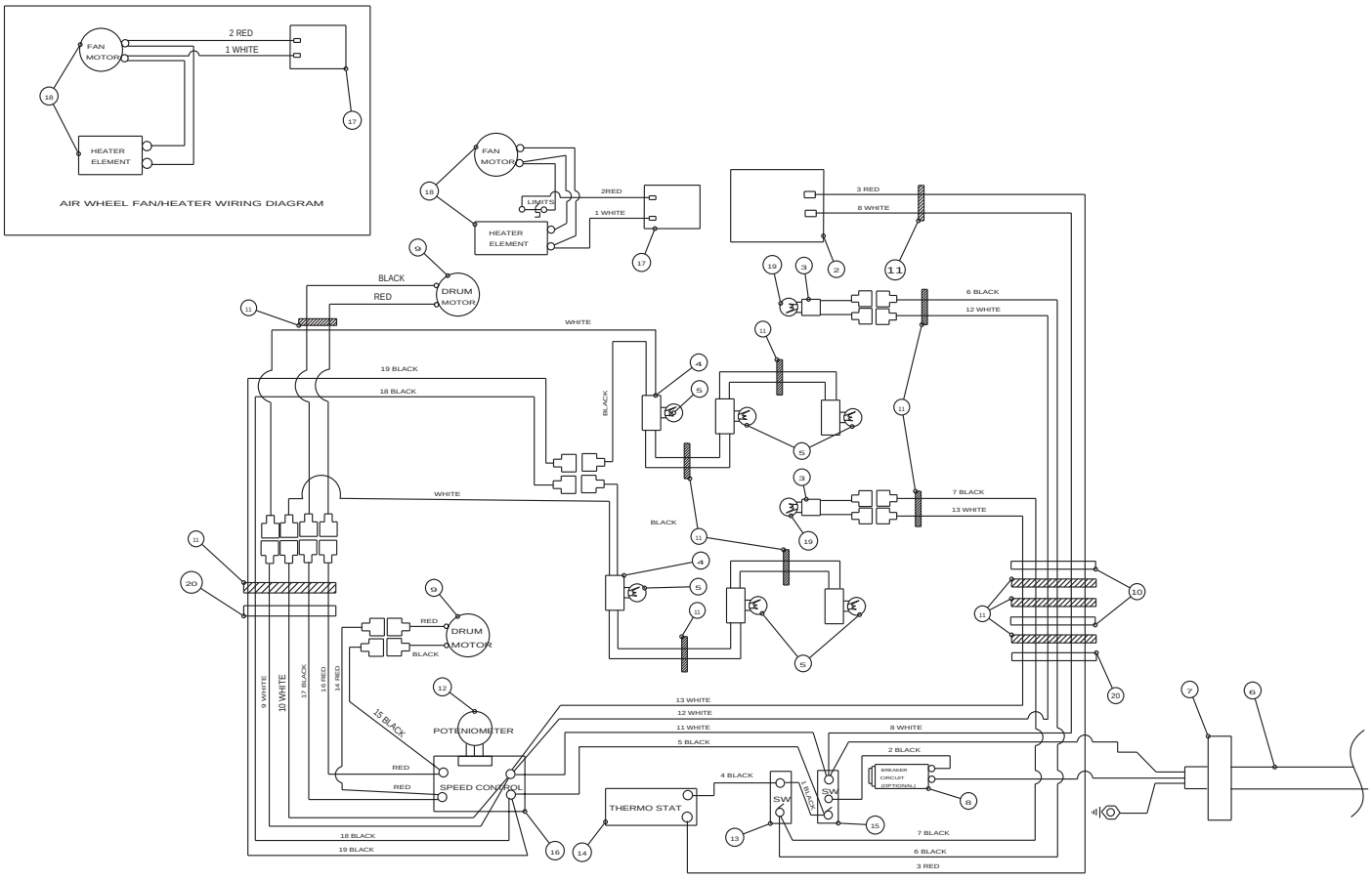
CLEANING BRASS TRIM

Clean the brass trim using a soft cloth, slightly dampened with lemon oil and buff with a clean soft cloth. Do NOT use brass polish or household cleaners as these products will damage the brass trim. Lemon oil can be obtained at supermarkets or hardware stores.

ELECTRIC DIAGRAM

Any electrical repairs or rewiring of this unit should be carried out by a licensed electrician in accordance with national and local codes.

If repairing or replacing any electrical component or wiring, the original wire routing, colour coding and securing locations must be followed.



Component Identification:

1. CFM Majestic Factory Wire Req'd
2. Plug 0.093" Pin & Socket
3. Light Socket Assembly
4. Light Socket w/ Wiring Assembly
5. Light Bulb 60W
6. Cord Power
7. Busings Stright-Thru Strain Relief
8. Breaker Circuit Manual Reset
9. Motor Variable Speed 12 VDC
10. Bushing Snap Hole

Component Identification:

11. Nylon Cable Tie 3-7/8"
12. Potentiometer
13. SwitchRocker
14. Thermostat
15. Switch
16. Speed Control
17. Receptacle .093" Pin & Socket
18. Fan/Heater
19. Light Blub 5W-120V-60Hz
20. Snap Bushing

Wiring Colour Code:

WH = White
BL = Black
RE = Red

OPERATING INSTRUCTIONS

The control compartment is located behind the lower louvre panel, or access panel radiant. To access the controls, simply flip down the lower louvre panel, or remove access panel radiant by lifting up and pulling out. To locate the position of each control described below, refer to Fig. 10.

1. MAIN ON/OFF SWITCH

The On/Off switch supplies power to all of the functions of the fireplace. This is an illuminated switch which normally will light up when in the "on" position.

During any service of this appliance, the power to the unit must be turned off. It is not acceptable to use the "On/Off" switch to meet this requirement.

2. HEATER CONTROL

The Heater Control acts to turn the heater on and off as well as setting the comfort level in the room. Turning the knob clockwise from the off position will place the heater into operation. The further the knob is rotated clockwise, the higher the set point temperature. Turning the knob counterclockwise will lower the set point temperature. Turning it all the way counterclockwise will turn the heater function off.

3. LOG ILLUMINATION CONTROL

This On/Off switch to control the light located above the log set.

4. FLAME SPEED CONTROL

Turn the flame speed control knob to increase or decrease the flame speed as desired.

CONTROL PANEL

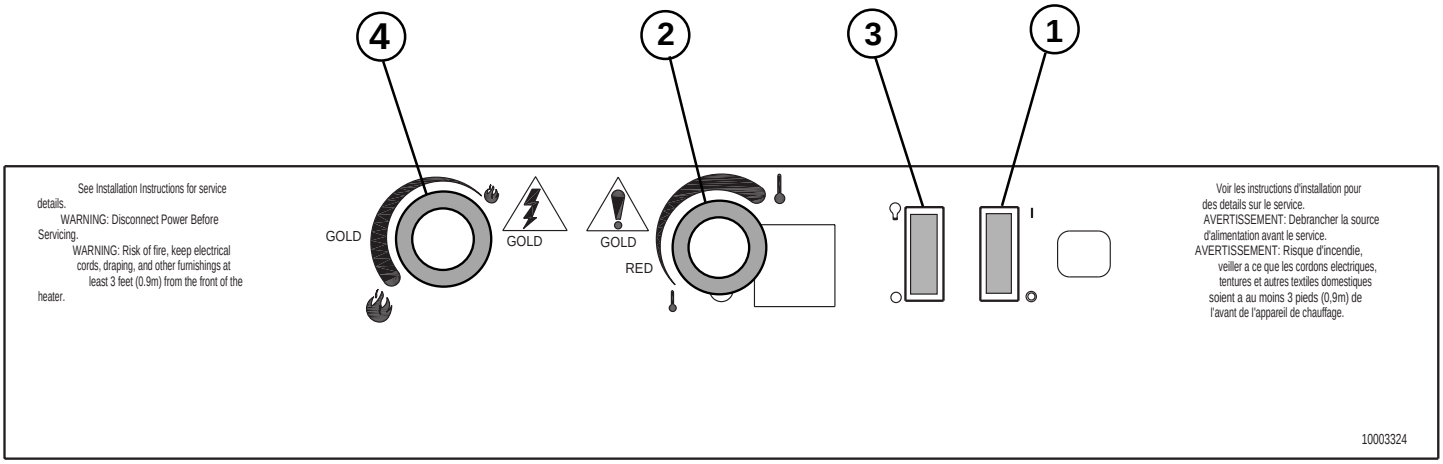
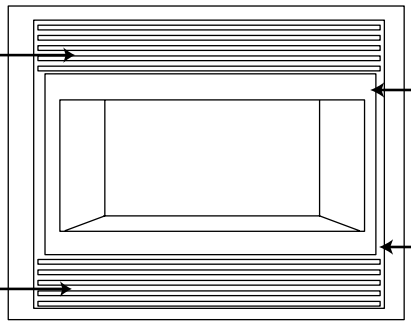
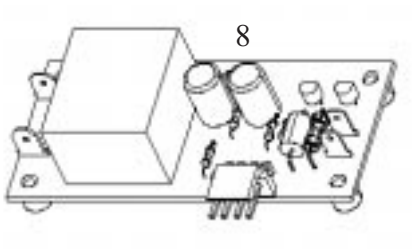
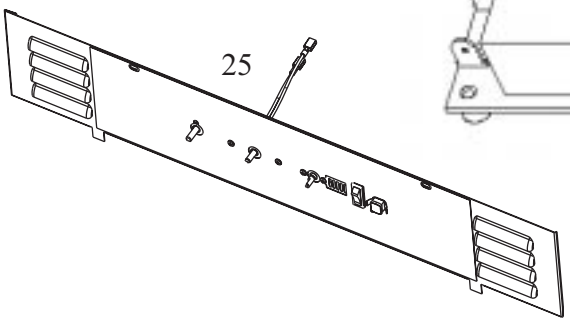

4
2
3
1
See Installation Instructions for service details.
WARNING: Disconnect Power Before Servicing.
WARNING: Risk of fire, keep electrical cords, draping, and other furnishings at least 3 feet (0.9m) from the front of the heater.
GOLD
GOLD
GOLD
RED
Voir les instructions d'installation pour des details sur le service.
AVERTISSEMENT: Debrancher la source d'alimentation avant le service.
AVERTISSEMENT: Risque d'incendie, veiller a ce que les cordons electriques, tentures et autres textiles domestiques soient a au moins 3 pieds (0,9m) de l'avant de l'appareil de chauffage.
10003324

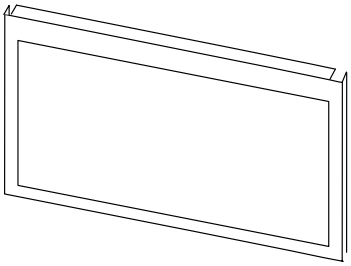
Fig. 10

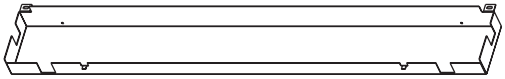
REPLACEMENT PARTS - ELECTRIC FIREPLACE

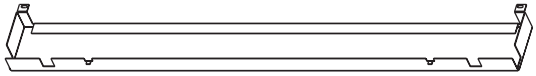


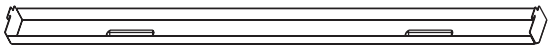


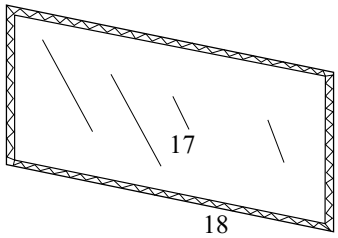


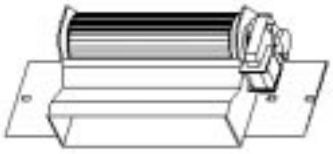


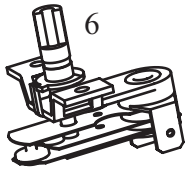


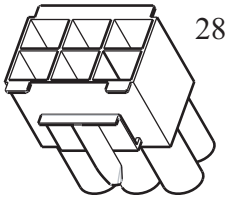


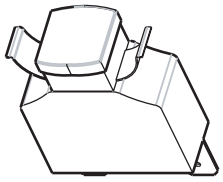






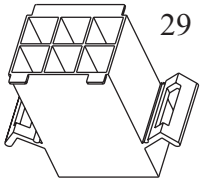






COMPLETE LOG SET

DEF36S2



REPLACEMENT PARTS LIST - ELECTRIC FIREPLACE

ITEM	DESCRIPTION	PART NO.
		DEF36S2
1.	Log Set Complete	10003647
1a.	Log Top Left	B103
1b.	Log Top Right	B104
1c.	Log Bottom	B102
2.	Fan/Heater Assembly w/bracket	10001815
3.	Motor 12VDC - Flame genertor	10001978
4.	Switch Rocker	53606
5.	On/Off Switch (Illuminated)	10001393
6.	Thermostat - Heater Control	10001971
7.	Potentiometer - Flame Speed Control	10001168
8.	Circuit Board - Flame Speed Control	10001589
9.	Knob - Flame Speed, Heater Controls	10001639
10.	Top Louvre Assembly	10000037
11.	Bottom Louvre Assembly	10000038
12.	Hinge Access Door	52356
13.	Trim-Frame Window (PB) (w/2 magnets)	57480
14.	Light Filter - Ember Bed (Not Shown)	10003514
15.	Light Diffuser Screen (Not Shown)	10003108
16.	Screen Tinted Plastic (Not Shown)	10003109
17.	Glass with Gasket 4W-25	10003349
18.	Gasket Glass	10001881
19.	Frame Window Assembly	10003552
20.	Light Diffuser - ember Bed (not shown)	10003513
21.	Flame Generator Assembly	10003350
22.	Top Panel Radiant	10003074
23.	Bottom Panel Radiant	10003079
24.	Access Panel Radiant	10003082
25.	Facia Control Assembly	10003348
26.	Breaker Circuit Manual Reset	10003093
27.	Cord Power	

OPTIONS

Description	Order Part Number
Trim Kit - Polished Brass	DV36TKP (Fitting instructions included in kit)
Medium Trim Kit - Polished Brass	DV36TKMP (Fitting instructions included in kit)
Wide Trim Kit - Polished Brass	DV36TKWP (Fittng instructions included in kit)
Bay Window Trim Kit - Polished Brass	DV36BTKP (Fitting instructions included in kit)
Ceramic Refractory Kit	DEF36S2 (see below for fitting instructions)

CERAMIC REFRACTORY INSTALLATION

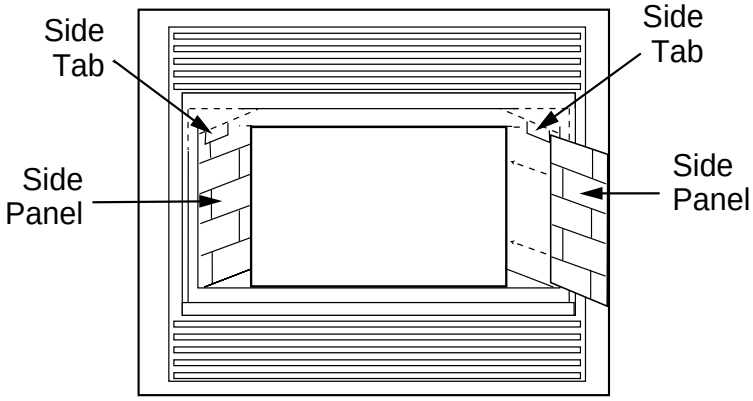
CR OPTIONAL FOR DEF36S2

1. Remove glass door assembly.

2. Remove two screws found on the top of firebox behind firebox deflector. Attach adjustable brackets packed with refractory.

3. Slide refractory side panels on the firebox bottom and behind side bracket and adjust, fitting the ceramic tight to the side of firebox. tighten screws.

4. Re-install glass door assembly.



BAY WINDOW INSTALLATION

REMOVE ALL PLASTIC FROM BRASS TRIMS.
DO NOT REMOVE EXISTING FRAME WINDOW ASSEMBLY.

1. Remove existing bottom louvre and hinges from fireplace. (Set aside the four (4) screws). If the fireplace has been installed with louvres.
2. Remove existing top louvre from fireplace by lifting up and pulling out. (If the fireplace has been installes with louvres).
3. Hang Bay Window unit over existing glass frame.
4. Re-install upper louvre assembly.
5. Bottom brass trim is removeable when fireplace is installed with marble or tile surround which covers the fireplace bottom.

DEF 33/36 RADIANT FACE INSTALLATION

STEPS TO INSTALL

1. Remove upper louvre assembly by lifting up and pulling out.
2. Remove deflector cabinet top from the fireplace. (Save the screws and deflector cabinet top to re-install into top panel radiant).
3. Remove bottom louvre assembly from the hinges. (Set aside the four (4) screws).
4. To install radiant face, first remove the screws that come with fireplace on the side of the cabinet corner posts, two on top and two at bottom of frame window. (Save the screws for installing radiant face in step 5).
5. Insert top and bottom radiant face into slot at bottom and top of fireplace. Fasten top and bottom radiant face in place using the screws removed from the fireplace in step 4.
6. Re-install defector cabinet top fastens in prepunched screw holes on bottom of panel radiant face.
7. Insert access panel radiant by sliding into slot at the edge of fireplace and push down to secure.

ACCESSORIES OPTIONS

DESCRIPTION

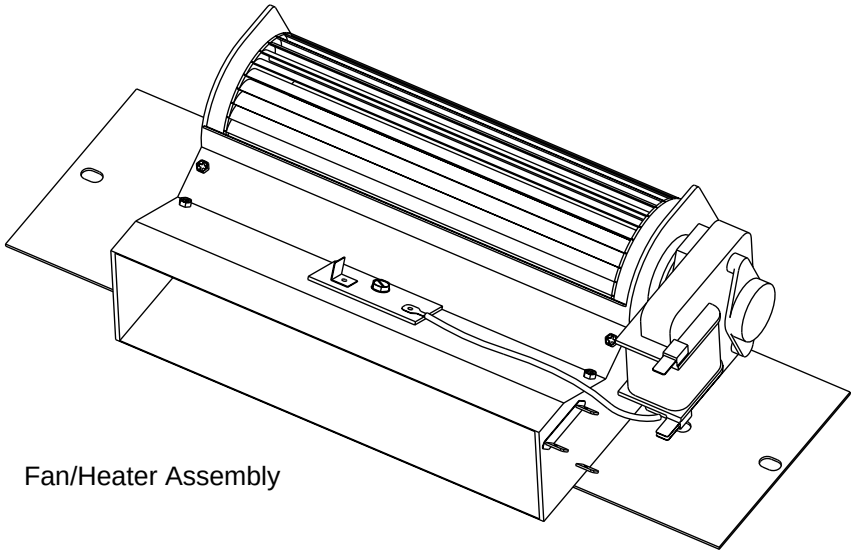
- Remote Control
- Optional Heater
- Cabinet / Mantel
- Ceramic Refractory Kit
- Bay Window

FAN HEATER INSTALLATION

INSTALLATION

WARNING: UNPLUG OR TURN THE POWER TO THE APPLIANCE OFF PRIOR TO BEGINNING THE INSTALLATION. IT IS NOT ACCEPTABLE TO USE THE “ON/OFF” SWITCH TO MEET THIS REQUIREMENT.

1. Turn the power to the appliance off, or unplug it from the power supply.
2. Let fireplace cool if it has been operating.
3. Remove access panel radiant by lifting up and pulling out or open lower louvre assembly.
4. Remove two door retention screws along lower sides edge of door frame.
5. Swing lower portion of door out from the fireplace and gently lift up to disengage top of door from fireplace.
6. Gently remove log set by removing the two screws securing the ember bed in position. One screw is located on either side of the ember bed near the front.
7. Gently remove screen tinted plactic. Lift up to the top and swing lower portion of tinted plastic out from bracket screen support on both sides and gently pull out slowly from fireplace.
8. Hold the fan/heater assembly and slide the assembly inside fireplace from bottom to top, turn assembly to line up the fan/heater with bracket support in fireplace mounting with the two screw studs on bracket support and fasten with #10-24 hex nuts provided.
9. Push connector receptacle pin and socket of the fan/heater assembly into the plug pin and socket on fire box top.
10. Re-install screen tinted plactic, ember bed, log set, and glass door following the above procedure in reverse.
11. Restore power to the appliance and place unit into operation check function of all of the controls for proper operation.



Fan/Heater Assembly